

Remarks

Claims 1-22 have been canceled and new claims 23-29 have been presented for the Examiner's consideration. No new matter is believed to have been added.

In the Office Action, claims 1-4 and 6-22 were rejected under 35 U.S.C. § 112, second paragraph as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. The Examiner suggested that claims 1-4 and 6-15 be canceled.

Applicants have presented new method claims 23-29 herein to more clearly describe the invention.


The present application relates to an adaptation of a gas turbine plant that was designed to be operated with air as a working medium or working fluid, to instead be operated with a substantially different working medium, i.e. a carbon dioxide/water mixture. As disclosed in the specification, the present invention adapts selected parts of a gas turbine (compressor and/or turbine) to accommodate the different thermal and physical properties of the new working medium. For example, the flow path of the working medium through the compressor and/or turbine is adapted by adding obstacles which reduce the flow cross-section, adjusting the guide vanes, or replacing the running blades.

It is believed that all the pending claims are in condition for allowance, which is respectfully requested. If the Examiner does not agree, then a personal or telephonic interview is respectfully requested to discuss any remaining issues so as to expedite the eventual allowance of the claims.

A Petition for Extension of Time is submitted concurrently herewith. Should any additional fees be required, please charge such fees to Steptoe & Johnson LLP Deposit Account No. 19-4293.

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Respectfully Submitted,


Seth A. Watkins Reg. No. 47,169
STEPTOE & JOHNSON LLP
1330 Connecticut Avenue, NW
Washington, D.C. 20036-1795
(202) 429-3000

Enclosure